

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of)
Joshua C. Liu et al.)
Serial No. Not Yet Assigned)
Filed Concurrently Herewith)
For Caster Roll) Attorney Docket No. 370041-00005

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

November 10, 2003

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants respectfully request that the Information Disclosure Statement transmitted herewith be considered by the U.S. Patent and Trademark Office.

Copies of the references cited in the attached Disclosure Statement are enclosed.

Respectfully submitted,



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Attorney for Applicants
Registration No. 42,831
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Substitute for form 1449/PTO

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of

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Complete if Known

Application Number	Not Yet Assigned
Filing Date	Filed Concurrently Herewith
First Named Inventor	Joshua C. Liu
Art Unit	
Examiner Name	

Attorney Docket Number 370041-00005

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)	MM-DD-YYYY		
A1	US-	2,664,607	01-05-1954	Hunter	
B1	US-	2,790,216	04-30-1957	Hunter	
C1	US-	2,850,776	09-09-1958	Hunter	
D1	US-	3,965,974	06-29-1976	Sernetz et al.	
E1	US-	4,086,957	05-02-1978	Schrewe et al.	
F1	US-	4,093,023	06-06-1978	Frantsenjuk et al.	
G1	US-	4,233,011	11-11-1980	Bolender et al.	
H1	US-	4,235,002	11-25-1980	Pav et al.	
I1	US-	4,256,034	03-17-1981	Küsters et al.	
J1	US-	4,285,107	08-25-1981	Küsters et al.	
K1	US-	4,519,118	05-28-1985	Shinopoulos et al.	
L1	US-	4,576,845	03-18-1986	Krotchko	
M1	US-	4,593,744	06-10-1986	Lewin et al.	
N1	US-	4,631,792	12-30-1986	Wesemann et al.	
O1	US-	4,773,468	09-27-1988	Lauener	
P1	US-	4,844,747	07-04-1989	Jachowski et al.	
Q1	US-	4,944,342	07-31-1990	Lauener	
R1	US-	4,955,433	09-11-1990	Zaoralek	
S1	US-	4,991,276	02-12-1991	Bricmont	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY			
T1		WO 02/26425 A1	04-04-2002	SMS Demag Aktiengesellschaft		
U1						
V1						
W1						
X1						
Y1						

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		Number-Kind Code ² (if known)	MM-DD-YYYY		
A2	US- 5,127,142	07-07-1992	Howard		
B2	US- 5,209,283	05-11-1993	Miltzow et al.		
C2	US- 5,215,765	06-01-1993	Bergendahl		
D2	US- 5,240,666	08-31-1993	Schnyder et al.		
E2	US- 5,263,920	11-23-1993	Budza et al.		
F2	US- 5,265,332	11-30-1993	Hartz		
G2	US- 5,279,535	01-18-1994	Hawes et al.		
H2	US- 5,292,298	03-08-1994	Scannell		
I2	US- 5,313,813	05-24-1994	Heitze et al.		
J2	US- 5,598,633	02-04-1997	Hartz		
K2	US- 5,651,410	07-29-1997	Perry et al.		
L2	US- 5,839,501	11-24-1998	Delassus et al.		
M2	US- 5,887,644	03-30-1999	Akiyoshi et al.		
N2	US- 5,983,993	11-16-1999	Watson et al.		
O2	US- 6,095,237	08-01-2000	Haag		
P2	US- 6,129,652	10-10-2000	Wenzel et al.		
Q2	US- 6,158,501	12-12-2000	Koivukunnas		
R2	US- 6,220,161 B1	04-24-2001	De Vroome		
S2	US- 6,257,321 B1	07-10-2001	Watson et al.		

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